

Converting Colors

CIELCh(69, 37.519, 204.291)

Have a look what the booklet for
CIELCh(69, 37.519, 204.291)
contains.

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Color

CIELCh(69, 37.514, 204.293)

Conversions

Conversions Part 1

Format	Color
Hex	19BAC3
RGB	25, 186, 195
RGB Percent	10%, 73%, 76%
CMY	0.9001, 0.2700, 0.2347
CMYK	0.87, 0.05, 0.00, 0.23
HSL	183°, 77%, 43%
HSV	183°, 87%, 77%
XYZ	27.8725, 39.3444, 57.8489
YIQ	138.8870, -98.8450, -31.3330

Conversions

Conversions Part 2

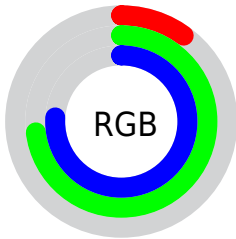
Format	Color
R_{YB}	25, 108, 195
Decimal	1686211
CIE _{Lab}	69.00, -34.19, -15.43
CIE _{LCh}	69, 37.514, 204.293
Yxy	39.3444, 0.2229, 0.3146
Android (android.graphics.Color)	4279876291 (0xFF19BAC3)
YUV	138.8870, 27.6637, -99.8789
Hunter-Lab	62.7251, -30.4507, -10.7733

Details

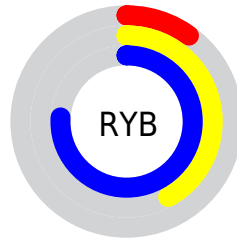
The CIELCh color **69, 37.514, 204.293** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **43, 76.349, 37.508**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 37.559, 204.354**, and **50, 29.743, 206.945** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.088, 205.023**, and if you desaturate by 10%, it is **70, 36.177, 203.740**.

Distribution



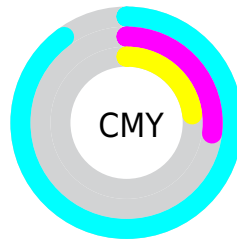
- Red (10%)
- Green (73%)
- Blue (76%)



- Red (10%)
- Yellow (42%)
- Blue (76%)



- Cyan (87%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)





- Cyan (90%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 37.514, 204.293 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 37.514, 204.293 by changing the saturation by 10% instead.

 69, 37.514,
204.293

 69, 37.514,
204.293


 100, 37.514,
204.293


 59, 37.514,
204.293

 89, 37.514,
204.293

 49, 37.514,
204.293


 99, 37.514,
204.293

 39, 37.514,
204.293

 29, 37.514,
204.293

 19, 37.514,
204.293

 9, 37.514, 204.293

 0, 37.514, 204.293

■ 69, 37.514,
204.293

■ 69, 37.514,
204.293

■ 69, 38.088,
205.023

■ 70, 36.177,
203.740

■ 68, 38.197,
205.262

■ 70, 33.981,
203.363

■ 71, 30.908,
203.146

■ 72, 26.994,
203.074

■ 73, 22.309,
203.126

■ 75, 16.951,
203.288

■ 76, 11.028,
203.548

■ 78, 4.649, 203.930

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 37.514, 204.293



43, 76.349, 37.508

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 37.514, 204.293



69, 37.514, 254.293



69, 37.514, 24.293



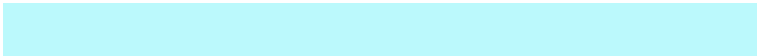
69, 37.514, 74.293

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 37.513, 204.292



94, 20.193, 203.300



69, 92.505, 137.323



50, 13.616, 203.229



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 37.513, 204.292



86, 46.314, 205.410



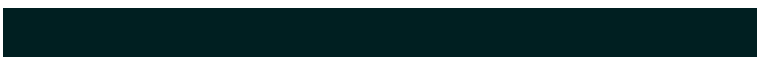
44, 56.472, 283.292



40, 3.746, 203.819



57, 33.096, 205.126



10, 11.723, 203.075

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 87.928, 330.109



59, 109.931, 330.505



57, 62.717, 68.040



38, 6.970, 326.393



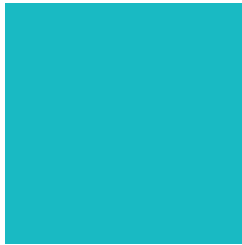
38, 78.509, 330.435



4, 23.056, 328.160

Previews

White Background



This preview shows how the CIELCh color 69, 37.514, 204.293 looks on a white background.

Color Contrast Check

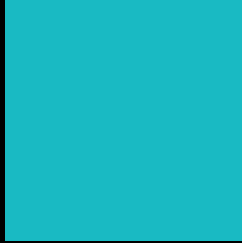
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 37.514, 204.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

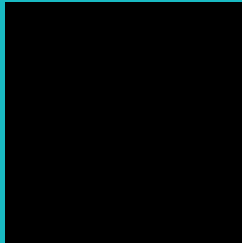
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

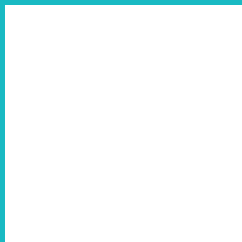
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 37.514, 204.293

Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.514, 204.293.

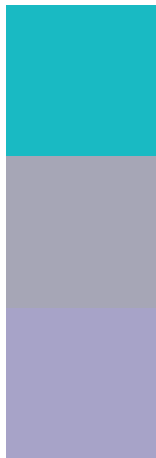


This preview shows how white text looks on a background with the CIELCh color 69, 37.514, 204.293.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

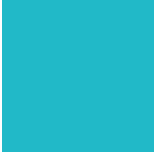
69, 37.514, 204.293

Protanopia

69, 8.807, 291.074

Deuteranopia

68, 20.469, 296.102

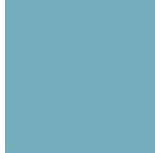


Tritanopia
69, 36.517, 209.989

Trichromacy



Original Color
69, 37.514, 204.293



Protanomaly
67, 20.113, 220.791



Deuteranomaly
67, 22.350, 240.527



Tritanomaly
69, 36.794, 208.064

Monochromacy



Original Color
69, 37.514, 204.293



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 19.600, 202.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 37.514, 204.293 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(25, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(25, 186, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(25, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 186, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 37.514, 204.293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(25, 186, 195) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(25, 186, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(25, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(25, 186,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 37.514, 204.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 186, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(25, 186,  
195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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